

* KRNELVRIRHDSDGGQPKPLK MDGDADAL-KSGR	* *** * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * KGKNQKKVTTARRPWQGDQQDIELSVSSSRHDESQQPVPLLTHGHS SGTEDQKQKIADRMRSWRMNTGGSGNVGHPKYDSGEIGLSKYDSGEIPRGYVPSVTNSQQKEKISERMLGWHLTRGKGEEMGEPQYDKEVSHNHLPRLTSRQD 121	*** VSGEIPTPDNHSIRTTSGPIGPVEKSIPYIDPRQPVAVRIIVDPSKDLNSYGLGNVDWKE MSGEIPGASPDHHMMSPTGNISRRAPFPY-VNHSPNPSREFSGSIGNVAWKE TSGEFSAASPERLSVSSTIAGGKRLPYSSDVNQSPNRRIVDPVGLGNVAWKE 181	** ** * * * * * * * * * * * * * * * *
SEQ ID NO:26	SEQ ID NO:26	SEQ ID NO:26	SEQ ID NO:26	SEQ ID NO:26
SEQ ID NO:30	SEQ ID NO:30	SEQ ID NO:30	SEQ ID NO:30	SEQ ID NO:30
SEQ ID NO:33	SEQ ID NO:33	SEQ ID NO:33	SEQ ID NO:33	SEQ ID NO:33



Figure 1B

	****** ***** ***** *** * ** * ** * * * *
SEQ ID NO:26 SEQ ID NO:30	SSTHLTPYRVVIILRLIILGFFLQYRCTHPVKDAYPLWLTSVICEVWFALSWLLDQFPKW ASSKINPYRMVIVLRLVVLSIFLHYRLTNPVRNAYPLWLLSVICEIWFALSWILDQFPKW
ID NO:	PSSRINPYRMVIMLRLVILCLFLHYRITNPVPNAFALWLVSVICEIWFALSWILDQFPKW 301
	******** * ****** ****** * ******* * ****
ID NO:	SPVNRETYLDRLSMRFDREGEPSQLAPIDVFVSTVDPLKEPPLVTANTVLSILAVDYPVD
SEQ ID NO:30 SEQ ID NO:33	FPINRETYLDRLALRYDREGEPSQLAAVDIFVSTVDPLKEPPIVTANTVLSILAVDYPVD FPVNRETYLDRLALRYDREGEPSQLAAVDIFVSTVDPLKEPPLVTANTVLSILAVDYPVD
	361
	******* ** ****** ** ** ** ** ** ** **
П	KVSCYVSDDGSAMLTFEALSETAEFAKKWAPFCKKHSIEPRAPEFYFAQKIDYLKDKVQP
SEQ ID NO:30	KVSCYVSDDGASMLTFDALAETSEFARKWVPFVKKYDIEPRAPEFYFCQKIDYLKDKVQP
Ω	KVSCYVFDDGAAMLSFESLAETSEFARKWVPFCKKYSIEPRAPEWYFAAKIDYLKDKVQT
	421
	******* **** ******* ***** * ** ***** ****
ID NO:	SFVKERRAMKREYEEFKVRINALVAKAQKVPEEGWTMQDGTPWPGNNSRDHPGMIQVFLG
SEQ ID NO:30	SFVKDRRAMKREYEEFKIRINALVSKALKVPEEGWIMQDGTPWPGNNTRDHPGMIQVFLG
ID NO:	SFVKDRRAMKREYEEFKIRINALVSKALKCPEEGWVMQDGTPWPGNNTGDHPGMIQVFLG
	481 540
	***** ** ******* **********************
ID NO:	HSGGFDTEGNELPRLVYVSREKRPGFQHHKKAGAMNALIRVSAVLTNGAYLLNVDCDHYF
SEQ ID NO:30	HSGGLDTEGNELPRLVYVSREKRPGFQHHKKAGAMNALVRVSAVLTNGQYMLNLDCDHYI
ID NO:	QNGGLDAEGNELPRLVYVSREKRPGFQHHKKAGAMNALVRVSAVLTNGPFILNLDCDHYI
	541



Figure 1C



Figure 1D

	***** ***** **** *** ** *** *** * * * *
SEQ ID NO:26 SEQ ID NO:30	PLLAYCTLPAICLLTGKFIVPEISNYASIWFILLFVSIFSTGILELRWSGVTLEDWWRNE PLLVYCILPAICLLTGKFIMPEISNLASIWFIALFLSIFATGILEMRWSGVGIDEWWRNE
ID	PLLMYCTLLAVCLFTNQF11PQISNIASIWFLSLFLS1FATG1LEMRWSGVG1DEWWRNE
	901
	****** **** ***** ** ************ ** **
ΩI	QFWVIGGTSAHLFAVFQGLLKVLAGIDTNFTVTSKASDEDGDFAELYVFKWTSLLIPPTT
SEQ ID NO:30	QFWVIGGISAHLFAVFQGLLKVLAGIDTNFTVTSKANDEEGDFAELYMFKWTTLLIPPTT
ID	QFWVIGGVSAHLFAVFQGILKVLAGIDTNFTVTSKASDEDGDFAELYLFKWTTLLIPPTT
	961
	******* *********** **** ********** * *** *
ID	ILVVNMVGIVAGVSFAINSGYQSWGPLFGRLFFAIWVIVHLYPFLKGLLGRQNRTPTIVI
SEQ ID NO:30	ILIINMVGVVAGTSYAINSGYQSWGPLFGKLFFAFWVIVHLYPFLKGLMGRQNRTPTIVI
П	LLIVNLVGVVAGVSYAINSGYQSWGPLFGKLFFAFWVIVHLYPFLKGLMGRQNRTPTIVV
	1021
	* *** * ********** **
ID	VWSVLLASIFSLLWVRIDPFTSDSTKAR-GQCGIDC
SEQ ID NO:30	VWAVLLASIFSLLWVRVDPFTTRLAGPNIQTCGINC
Π	VWSVLLASIFSLLWVRIDPFTSRVTGPDILECGINC
	1116